



Attorney Docket No. 0918.0246C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Chang-June C.J. Yoon, et al.

Serial No.: 10/690,552

Examiner: Unknown

Confirmation No.: Not Yet Assigned

Art Unit: Unknown

Filed: October 23, 2003

For: Method and Apparatus for Automatic Control of Time-Of-Day Synchronization and Merging of Networks

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)**

Pursuant to the duty imposed by 37 C.F.R. §1.56 to disclose information which may be material to the patentability of the above-identified patent application, the Applicant(s) would like to direct the Examiner's attention to the documents listed on the enclosed Information Disclosure Citation Form (PTO/SB/08). In accordance with this duty of disclosure, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☐ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- ☒ The subject Information Disclosure Statement is being filed without copies of the listed U.S. Patents and/or U.S. patent application publications pursuant to the waiver of the requirement under 37 C.F.R. §1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of the listed foreign patent documents and/or non-patent literature are enclosed herewith.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. _____ to which the above-identified application claims priority under 35 U.S.C. §120.

- ☐ Publication(s) _____ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to _____ application serial no. _____ and mailed on _____.
- ☐ Enclosed is a copy of a non-English publication(s) _____. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) _____. English language publication _____ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) _____ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) _____ cited in the attached Form PTO/SB/08A.
- ☒ Enclosed is a copy of pending U.S. Patent Application serial number 10/238,145 filed September 9, 2002.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☐ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- ☒ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

The Commissioner is hereby authorized to charge payment of any fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Receipt date: 01/09/2004

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Dated: 1/9/2004

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PTO/SB/08A (08-00)



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/690,552
Filing Date	October 23, 2003
First Named Inventor	Chang-June C.J. Yoon
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	0918.0246C

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		6,157,957		Berthaud	12-05-2000
		5,818,885		Kim	10-06-1998
		5,327,468		Edblad et al.	07-05-1994
		6,532,274		Ruffini	03-11-2003
		5,313,465		Perlman et al.	05-17-1994
		2003/0048782		Rogers et al.	03-13-2003
		6,535,926		Esker	03-18-2003
		6,452,541		Zhao et al.	09-17-2002
		6,433,734		Krasner	08-13-2002
		6,115,825		Laforge et al.	09-05-2000
		6,104,729		Hellum et al.	08-15-2000
		5,590,092		Fehnel	12-31-1996
		5,510,797		Abraham et al.	04-23-1996
		5,504,878		Coscarella et al.	04-02-1996
		5,416,808		Witsaman et al.	05-16-1995
		5,245,634		Averbuch	09-14-1993
		4,144,414		Nicholas	03-13-1979
		5,258,964		Koma et al.	11-02-1993
		6,501,808		Zscheile, Jr.	12-31-2002
		5,579,513		Strohmer	11-26-1996
		5,146,585		Smith, III	09-08-1992

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
			EP 1 049 270	A2	Northrop Grumman Corporation	11-02-2000	
			EP 0 653 845	B1	AT&T Corporation	06-07-2000	

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.² See attached Kinds of U.S. Patent Documents.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	2	Attorney Docket Number	0918.0246C
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Complete if Known

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Filing Date	October 23, 2003
First Named Inventor	Chang-June C.J. Yoon
Group Art Unit	Unknown
Examiner Name	Unknown

OTHER DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Specification of the Bluetooth System, Wireless connections made easy; Version 1.0B, December 1, 1999; 1082 pages.	
		Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications; ANSI/IEEE Std 802.11, 1999 Edition; 582 pages.	
		System Architecture Specification for the SUO SAS Networking Subsystem; Version 1, ITT A/CD, June 8, 2000; 38 pages.	
		Digital Message Transfer Device Subsystems; Department of Defense Interface Standard; MIL-STD-188-220C; May 22, 2002; 496 pages.	
		Roland Mandler; "A Configurable Adjunct for Real Time Systems (CARTS); IEEE 1995; pages 48-49.	
		Danny Dolev, et al.; "Dynamic Fault-Tolerant Clock Synchronization"; Journal of the Association for Computing Machinery, Vol. 42, No. 1, January 1995, pp. 143-185.	
		Noshir R. Dhondy, et al.; "Coordination of time-of-day clocks among multiple systems"; IBM J. Res. Develop, Vol. 36, No. 4, July 1992; pages 655-665.	
		W.D. Grover, et al.; "Precision Time-Transfer in Transport Networks Using Digital Cross-Connect Systems"; IEEE Transactions on Communications, Vol. 38, No. 9, September 1990; pages 1325-1332.	
		C.J. Yoon, et al.; "Apparatus and Method of Flywheel Time-Of-Day (TOD) Synchronization"; pending U.S. Patent Application, serial no. 10/238,145, filed September 9, 2002.	
		18	

Examiner Signature	/Opiriba Georgewill/	Date Considered	09/29/2009
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